

## AMENDMENT

### IN THE CLAIM

Please cancel Claim 1, without prejudice or disclaimer of the subject matter thereof, and amend the claim 2 as the following and thus no new matter is added.

### **LIST OF CLAIMS:**

Claim 1 (Cancelled)

Claim 2. (Currently amended) A method of manufacturing a self-lubricating bearing ~~in the present invention~~, comprising the steps of:

a first step of forming a main body having an inner annular wall surface and an outer annular wall surface, said inner annular wall surface provided with an inner oil groove disposed thereon, the outer annular wall surface provided with an outer oil groove disposed thereon, at least one oil hole penetrating through and communicating with the inner oil groove and said outer oil groove;

a second step of forming a plurality of depressions on said inner annular wall surface of said main body without penetrating through said outer annular wall surface of said main body;

a third step of coating said inner annular wall surface of said main body with a liquid lubricant in a coating manner to make said liquid lubricant that respectively filled up in said plurality of depressions of said inner annular wall surface become a plurality of solid lubricant pieces after getting dry;

a fourth step of heating said main body coated with said liquid lubricant to make said plurality of solid lubricant pieces securely fixed in said plurality of depressions of said inner annular wall surface; and,

a fifth step of grinding said inner annular wall surface of said main body to make radial inside annular surfaces of said embedded solid lubricant pieces in a curve conforming to that of said inner annular wall surface of said main body of said main body.